

FIG. 4

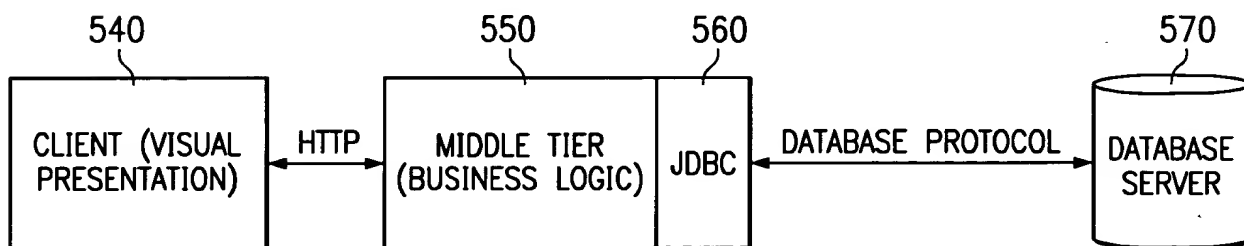
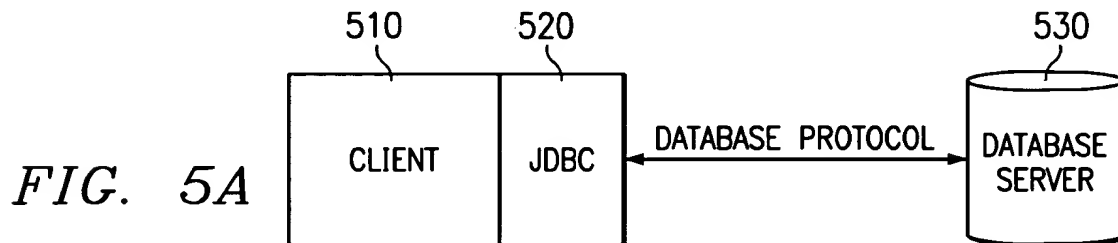


FIG. 5B

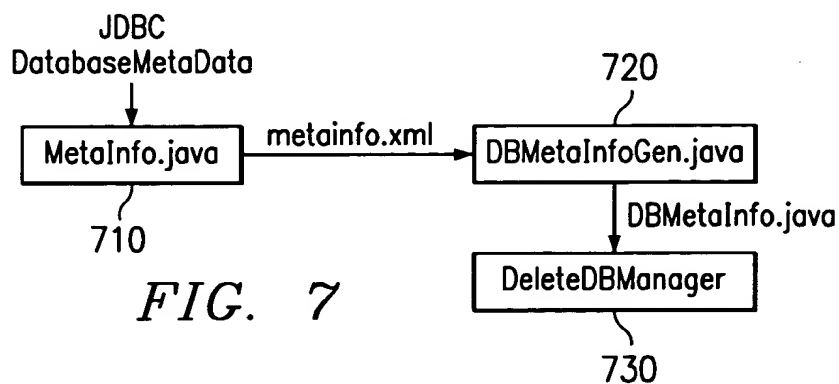


FIG. 7

| Author_ID (PK) | NAME | URL |
|----------------|--------------|------------|
| ADAM | ADAMS, JOHN | http://... |
| APON | APONE, KEVIN | http://... |
| ⋮ | ⋮ | ⋮ |

610

600

FIG. 6

| ISBN (PK) | Author_ID | Seq_No |
|----------------|-----------|--------|
| 0-08-882-111-4 | ADAM | 1 |
| 0-07-456-432-1 | APON | 4 |
| ⋮ | ⋮ | ⋮ |

620

| TITLE | ISBN (PK) | Publisher_ID | URL | PRICE |
|------------------|----------------|--------------|------------|-------|
| BEYOND THE ARTIC | 0-08-882-111-4 | 00989 | http://... | 27.95 |
| GUIDE TO JAVA | 0-07-456-432-1 | 01432 | http://... | 15.00 |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

630

FIG. 9

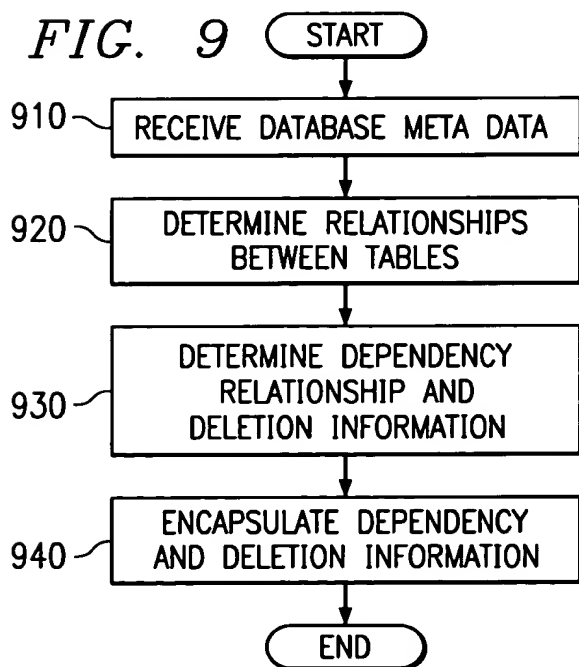
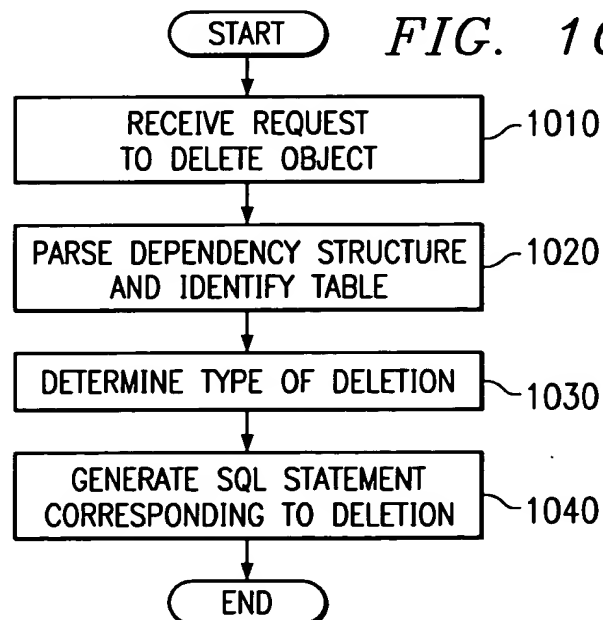


FIG. 10



| | |
|-----------|-----------------|
| APPROVED | C.F. F.G. |
| BY | CLASS: SUBCLASS |
| DRAFTSMAN | 707 100 |

XML Dependency MetaInfo

```

<Table name="Author">
  <PrimaryKey>
    <Field name="Author_ID" type="VARCHAR2"></Field>
  </PrimaryKey>
  <Dependent Name="BookAuthor">
    <ForeignKey>
      <Attribute pos="1">
        <Parent>Author_ID</Parent>
        <Child>Author_ID</Child>
      </Attribute>
    </ForeignKey>
    <Delete_Action>NULLIFY COLUMNS</Delete_Action>
  </Dependent>
</Table>

```

810

```

<Table name="BookAuthors">
  <PrimaryKey>
    <Field name="ISBN" type="VARCHAR2"></Field>
  </PrimaryKey>
  <Dependent name="Book">
    <ForeignKey>
      <Attribute pos="1">
        <Parent>ISBN</Parent>
        <Child>ISBN</Child>
      </Attribute>
    </ForeignKey>
    <Delete_Action>CASCADE DELETE</Delete_Action>
  </Dependent>
</Table>

```

820

```

<Table name="Book">
  <PrimaryKey>
    <Field name="ISBN" type="VARCHAR2"></Field>
  </Primary>
</Table>

```

830

FIG. 8A

```

<Table_Definition>
  <Table name="ACL">
    <PrimaryKey>
      <Field name="ACLNAME" type="VARCHAR2"></Field>
    </PrimaryKey>
    <Dependent name="ACL_ENTRY">
      <ForeignKey>
        <Attribute pos="1">
          <Parent>ACLNAME</Parent>
          <Child>ACLNAME</Child>
        </Attribute>
      </ForeignKey>
      <Delete_Action><CASCADE DELETE</Delete_Action>
      <Delete_Constraint>unauthenticated = 0</Delete_Constraint>
    </Dependent>
  </Table>
  <Table name="ACL_ENTRY">
    <PrimaryKey>
      <Field name="ACLNAME" type="VARCHAR2"></Field>
      <Field name="ELEMENTNAME" type="VARCHAR2"></Field>
    </PrimaryKey>
    <Dependent name="PERMISSIONROLEMAP">
      <ForeignKey>
        <Attribute pos="1">
          <Parent>ACLNAME</Parent>
          <Child>ACLNAME</Child>
        </Attribute>
        <Attribute pos="2">
          <Parent>ELEMENTNAME</Parent>
          <Child>ELEMENTNAME</Child>
        </Attribute>
      </ForeignKey>
      <Delete_Action><CASCADE DELETE</Delete_Action>
    </Dependent>
  </Table>
  <Table name="PERMISSIONROLEMAP">
    <PrimaryKey>
      <Field name="ACLNAME" type="VARCHAR2"></Field>
      <Field name="ELEMENTNAME" type="VARCHAR2"></Field>
      <Field name="MGMTSRVID" type="VARCHAR2"></Field>
      <Field name="ROLEID" type="NUMBER"></Field>
    </PrimaryKey>
  </Table>

```

870

880

890

FIG. 8B